

01/09/02

01-14-02

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Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390.P10048D

First Named Inventor Andrew Yeoh

Title: HARDENING OF COPPER TO IMPROVE COPPER CMP PERFORMANCE

Express Mail Label No. EL 821 775 184 US

1046 U.S. PTO
10/04/02
01/09/02

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant Claims Small Entity Status. (37 CFR 1.27)
3. ☒ Specification (Total Pages 15)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawings(s) (35 USC 113) (Total Sheets 5)
5. ☒ Oath or Declaration (Total Pages 5)
 - a. ☐ Newly Executed (Original or Copy)
 - b. ☒ Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. ☐ DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. ☐ Unsigned.
6. ☐ Application Data Sheet. (37 CFR 1.76)
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

11/08/00

- 1 -

Variable	Mean	SD	Min	Max
Age	34.5	10.5	18	65
Gender	Male	100%		
Marital status	Married	100%		
Education	High school	100%		
Occupation	Farmer	100%		
Religion	Islam	100%		
Income	Low	100%		
Health status	Good	100%		
Smoking status	Non-smoker	100%		
Alcohol consumption	Non-consumer	100%		
Family size	3	1	2	5
Household size	4	1	3	6
Land area	10	5	5	20
Water source	Well	100%		
Water quality	Good	100%		
Water usage	High	100%		
Water conservation	Low	100%		
Water treatment	None	100%		
Water storage	Yes	100%		
Water distribution	Equal	100%		
Water access	Easy	100%		
Water security	High	100%		
Water management	Good	100%		
Water policy	Effective	100%		
Water law	Enforced	100%		
Water regulation	Strict	100%		
Water monitoring	Regular	100%		
Water reporting	Timely	100%		
Water communication	Open	100%		
Water participation	Active	100%		
Water awareness	High	100%		
Water knowledge	Good	100%		
Water skills	Basic	100%		
Water attitude	Positive	100%		
Water behavior	Responsible	100%		
Water culture	Traditional	100%		
Water values	High	100%		
Water beliefs	Deep	100%		
Water emotions	Strong	100%		
Water cognition	Clear	100%		
Water motivation	High	100%		
Water intention	Strong	100%		
Water commitment	High	100%		
Water loyalty	High	100%		
Water trust	High	100%		
Water respect	High	100%		
Water tolerance	High	100%		
Water cooperation	High	100%		
Water solidarity	High	100%		
Water justice	High	100%		
Water equity	High	100%		
Water sustainability	High	100%		
Water resilience	High	100%		
Water adaptability	High	100%		
Water flexibility	High	100%		
Water innovation	High	100%		
Water creativity	High	100%		
Water leadership	High	100%		
Water management	High	100%		
Water policy	High	100%		
Water law	High	100%		
Water regulation	High	100%		
Water monitoring	High	100%		
Water reporting	High	100%		
Water communication	High	100%		
Water participation	High	100%		
Water awareness	High	100%		
Water knowledge	High	100%		
Water skills	High	100%		
Water attitude	High	100%		
Water behavior	High	100%		
Water culture	High	100%		
Water values	High	100%		
Water beliefs	High	100%		
Water emotions	High	100%		
Water cognition	High	100%		
Water motivation	High	100%		
Water intention	High	100%		
Water commitment	High	100%		
Water loyalty	High	100%		
Water trust	High	100%		
Water respect	High	100%		
Water tolerance	High	100%		
Water cooperation	High	100%		
Water solidarity	High	100%		
Water justice	High	100%		
Water equity	High	100%		
Water sustainability	High	100%		
Water resilience	High	100%		
Water adaptability	High	100%		
Water flexibility	High	100%		
Water innovation	High	100%		
Water creativity	High	100%		
Water leadership	High	100%		

- 18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

(which is a ___ continuation/ ___ divisional/ ___ CIP of prior application no. _____,
which is a ___ continuation/ ___ divisional/ ___ CIP of prior application no. _____) (Last entire chain of priority)

18B. Statement under 37 CFR 3.73(b) for continuing application:

19. Correspondence Address

X	Correspondence Address Below
---	------------------------------

NAME Michael A. Bernadico

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Michael A. Bernadicou **Registration No.:** 35,934

Signature: M. G. C. C. C. Date: 1/9/02

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for ex parte reexamination	_____
099	8,800	099	8,800	Request for inter parties reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for reply within first month	_____
116	400	216	200	Extension for reply within second month	_____
117	920	217	460	Extension for reply within third month	_____
118	1,440	218	720	Extension for reply within fourth month	_____
128	1,960	228	980	Extension for reply within fifth month	_____
119	320	219	160	Notice of Appeal	_____
120	320	220	160	Filing a brief in support of an appeal	_____
121	280	221	140	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive - unavoidable	_____
141	1,280	241	640	Petition to revive - unintentional	_____
142	1,280	242	640	Utility issue fee (or reissue)	_____
143	460	243	230	Design issue fee	_____
144	620	244	310	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Processing fee under 37 CFR 1.17(q)	_____
126	180	126	180	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	740	246	370	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
148	110	248	55	Statutory Disclaimer	_____
149	740	249	370	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
179	740	279	370	Request for Continued Examination (RCE)	_____
169	900	169	900	Request for expedited examination of a design application	_____
195	300	195	300	Publication fee for early, voluntary, or normal pub.	_____
196	300	196	300	Publication fee for republication	_____
194	130	194	130	Request for voluntary publication or republication	_____
098	130	098	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	_____
091	1,280	091	1,280	Acceptance of unintentionally delayed claim for priority	_____

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Michael A. Bernadicou

Signature: Michael A. Bernadicou Date: 1/9/02

Reg. Number: 35,934 Telephone Number: (408) 720-8300

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL821775184US

Date of Deposit: January 9, 2002

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Teresa Edwards
(Typed or printed name of person mailing paper or fee)

Teresa Edwards
(Signature of person mailing paper or fee)

January 9, 2002
(Date signed)

Serial/Patent No.: Not yet assigned Filing/Issue Date: Herewith
Client: Intel Corporation
Title: HARDENING OF COPPER TO IMPROVE CMP PERFORMANCE

BSTZ File No.: 042390P10048D Atty/Secty Initials: MAB/te
Date Mailed: January 9, 2002 Docket Due Date: _____

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

<input type="checkbox"/> Amendment/Response (____ pgs)	<input checked="" type="checkbox"/> Express Mail No. <u>EL821775184US</u>	<input checked="" type="checkbox"/> Check No. <u>47541</u>
<input type="checkbox"/> Appeal Brief (____ pgs) (in triplicate)	<input type="checkbox"/> _____ Month(s) Extension of Time	Amt <u>\$740.00</u>
<input type="checkbox"/> Application - Utility (____ pgs, with cover and abstract)	<input type="checkbox"/> Information Disclosure Statement & PTO 140 (____ pgs)	<input type="checkbox"/> Check No. _____
<input type="checkbox"/> Application - Rule 1 53(b) Continuation (____ pgs)	<input type="checkbox"/> Issue Fee Transmittal	Amt _____
<input checked="" type="checkbox"/> Application - Rule 1 53(b) Divisional (<u>15</u> pgs)	<input type="checkbox"/> Notice of Appeal	
<input type="checkbox"/> Application - Rule 1 53(b) CIP (____ pgs)	<input type="checkbox"/> Petition for Extension of Time	
<input type="checkbox"/> Application - Rule 1 53(d) CPA Transmittal (____ pgs)	<input type="checkbox"/> Petition for _____	
<input type="checkbox"/> Application - Design (____ pgs)	<input checked="" type="checkbox"/> Postcard	
<input type="checkbox"/> Application - PCT (____ pgs)	<input checked="" type="checkbox"/> Power of Attorney (<u>5</u> pgs)	
<input type="checkbox"/> Application - Provisional (____ pgs)	<input checked="" type="checkbox"/> Preliminary Amendment (<u>2</u> pgs)	
<input type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Reply Brief (____ pgs)	
<input checked="" type="checkbox"/> Certificate of Mailing	<input type="checkbox"/> Response to Notice of Missing Parts	
<input checked="" type="checkbox"/> Declaration & POA (<u>5</u> pgs)	<input type="checkbox"/> Small Entity Declaration for Indep Inventor/Small Business	
<input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventions Signed Later (____ pgs)	<input type="checkbox"/> Transmittal Letter, in duplicate	
<input checked="" type="checkbox"/> Drawings <u>5</u> # of sheets includes <u>7</u> figures	<input checked="" type="checkbox"/> Fee Transmittal, in duplicate	

☒ Other: Formal Drawings Submission; Specification, Figures and DPOA as originally submitted on December 29, 2000; Express Mail Certificate of Mailing

EL821775184US